

DESIGN CONCEPTS:

- DESIGN IS BASED ON A COMPILATION OF CRITERIA FROM THE INTERNATIONAL BUILDING CODE, LIFE SAFETY CODE, VETERANS ADMINISTRATION DESIGN MANUALS, VA SPECIFICATIONS, ETC. CONTRACTORS SHALL PAY CLOSE ATTENTION TO DOCUMENTS FOR UNIQUE CONDITIONS.
- RESIDENTIAL ROOMS ARE ALL DESIGNED TO ACCOMMODATE HEARING IMPAIRED INDIVIDUALS. AS SUCH, MULTIPLE POWER PANELS ARE REQUIRED.
- RESIDENTIAL ROOMS SHALL BE DESIGNED WITH DRAWINGS OF INDIVIDUALS WHO MAY TRY AND TAMPER WITH DEVICES. TAMPER RESISTANT SCREWS/BOLTS SHALL BE USED WITH FIRE PROTECTION DEVICES IN GUEST ROOMS WHEREVER AVAILABLE.
- UPON ACTIVATION OF A FIRE ALARM IT IS EXPECTED THAT ALL OCCUPANTS SHALL EVACUATE THE BUILDING. SEE NOTES AND MATRIX REGARDING SLEEPING ROOM SMOKE DETECTORS.
- ACCESS CONTROL DEVICES ARE PROVIDED WITH DELAYED EGRESS COMPONENTS IN ACCORDANCE WITH LIFE SAFETY CODE. SEE ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR OPERATIONAL SEQUENCE. UNDER NO CONDITION SHALL SUCH DEVICES VIOLATE SPECIFIC PROVISIONS OF THE LIFE SAFETY CODE.

FACP SHALL BE NOTIFIER BRAND AND SHALL BE CAPABLE OF INTEGRATION WITH THE EXISTING NOTIFIER NETWORK SYSTEM IN MAIN CAMPUS. SYSTEMS SHALL BE 100% COMPATIBLE. PROVIDE UNDERGROUND 1" CONDUIT WITH PULL STRING TO MEDIUM VOLTAGE BUILDING. UNDER THIS SCOPE PROVIDE NECESSARY CARDS, MODEMS, CONNECTIONS, TERMINALS, ETC. SYSTEM WILL BE INTEGRATED UNDER FUTURE PROJECT.

CONTRACTOR TO FIELD COORDINATE ROUTING AND INSTALLATION OF CONDUIT BETWEEN BUILDINGS. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION. STUB-UP OUTSIDE MEDIUM VOLTAGE BLDG AND TURN INTO BUILDING WITH JUNCTION BOX AND COVER LABELED "FOR FIRE ALARM NETWORK IN RESIDENTIAL REHABILITATION BUILDING"

FIRE ALARM NOTES:

- FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE 2010 EDITION OF NFPA 72 AND SPECIFIC VETERANS ADMINISTRATION CRITERIA.
- AN ANALOG ADDRESSABLE NOTIFIER FIRE ALARM SYSTEM SHALL BE INSTALLED THAT CAN BE INTEGRATED INTO THE CAMPUS NOTIFIER NETWORK FOR POINT ID. INCLUDE DACT AND 1 YEAR CENTRAL STATION MONITORING.
- CIRCUITS SHALL BE CLASS 'B' UNLESS INDICATED OTHERWISE.
- REMOTE ANNUNCIATORS SHALL BE BEHIND A LOCKED ENCLOSURE AND SHALL BE FLUSH MOUNTED IN THE WALL WHERE INDICATED. REMOTE ANNUNCIATOR SHALL BE KEYED THE SAME AS THE STAFF CONTROLLED AND KEYED PULL STATIONS.
- WATER FLOW BELL SHALL BE ON A DEDICATED NAC CIRCUIT THAT CAN NOT BE SILENCED DURING WATER FLOW.
- SEE NOTES REGARDING ACTIVATION OF SELECT NOTIFICATION CIRCUITS UPON SLEEPING AREA SMOKE DETECTORS.
- PULL STATIONS IN PATIENT AREAS (NOT POLICE TRAINING) SHALL BE INSTITUTIONAL TYPE AND REQUIRE THE USE OF STAFF KEY TO ACTIVATE.

FIRE ALARM NOTES CONTINUED:

- ACCESS CONTROL DOORS SHALL RELEASE UPON ACTIVATION OF BUILDING EVACUATION ALARM. PROVIDE RELAY MODULE AT EACH DOOR TO DIRECTLY INTERRUPT POWER AND THUS OPENING RESPECTIVE DOOR.
- SOUND LEVELS OF HORNS SHALL BE SET AT THE LOWEST SETTING AVAILABLE TO COMPLY WITH PRIVATE-MODE IN ACCORDANCE WITH VA CRITERIA. DEVICES SHALL PRODUCE NO HIGHER THAN 90 DBA AT 10 FEET. SLEEPING ROOMS SHALL BE AT LEAST 70 DBA.
- VISUAL DEVICES ARE NOT REQUIRED IN EXAM ROOMS PER VA CRITERIA.
- ALL CIRCUITS SHALL BE IN CONDUIT.
- SEE NOTES REGARDING CIRCUITING AND TRIGGERING OF HORNS AND STROBES IN SLEEPING ROOMS IN ACCORDANCE WITH SMOKE DETECTORS.
- PROVIDE CONDUIT WITH PULL STRING FROM FACP TO MECHANICAL ROOM 178 FOR FUTURE NETWORK FIBER OPTIC. PROVIDE JUNCTION BOX IN MECHANICAL ROOM 178 BETWEEN INTERIOR CONDUIT AND EXTERIOR UNDERGROUND CONDUIT. PROVIDE COVER AND LABEL "FIRE ALARM FIBER NETWORK TO MEDIUM VOLTAGE BUILDING".

FIRE ALARM LEGEND

	CEILING MOUNT HORN-STROBE, 15 CANDELA UNLESS MARKED OTHERWISE
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	CEILING MOUNT HORN
	WALL MOUNT HORN-STROBE -96" TO TOP. 15 CD OR AS INDICATED.
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	SMOKE DETECTOR (PHOTOELECTRIC); SB=WITH SOUNDER BASE
	DUCT SMOKE DETECTOR; S=SUPPLY, R=RETURN
	MANUAL PULL STATION 48" AFF. "KEY" REQUIRES KEY TO ACTIVATE.
	FLOW SWITCH MODULE
	TAMPER SWITCH MODULE
	DOOR HOLD-OPEN MODULE. PROVIDE FIRE ALARM LISTED HOLD-OPEN ASSY IF NOT CALLED OUT IN DOOR HARDWARE SCHEDULE.
	RELAY / CONTROL / MONITOR MODULE
	ADDRESSABLE NETWORKABLE FIRE ALARM CONTROL PANEL WITH DACT
	REMOTE ANNUNCIATOR & CONTROL PANEL; FLUSH MOUNT
	24 VDC ELECTRIC BELL FOR WATER FLOW; -9" AFF
	NOTIFICATION APPLIANCE CIRCUIT
	ADDRESSABLE FIRE ALARM SLAVE PANEL SEMI-RECESSED UNLESS INDICATED OTHERWISE.
	WEATHER PROOF / WET LOCATIONS
	INSTITUTIONAL KEY OPERATED PULL RELAY / MODULE FOR DOOR RELEASE

DEVICE INFORMATION

CD STROBE-CANDELA  
P-C-0 DEVICE NUMBER  
CIRCUIT NUMBER  
PANEL NUMBER  
SLC-1 SIGNAL LINE CIRCUIT NUMBER AND DEVICE (MAY BE LEFT UP TO CONTRACTOR TO #)

SR CODE REQUIRED 30 MINUTE RATING, OFTEN CONSTRUCTED TO 1-HR. SEE ARCH WALL DETAILS.  
1HR 1-HR 1-HR 1-HR 1-HR ONE HOUR FIRE RATING

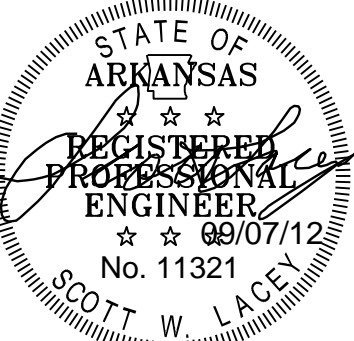
FULLY SPRINKLERED  
100% CONSTRUCTION DOCUMENTS

F2 FIRE ALARM PLAN - AREAS PARTIAL A, B, & C  
1/8" = 1'

CONSULTANTS:

**Lacey**  
Fire Protection  
Engineering, LLC  
17 BUSINESS PARK DR  
SUITE #10  
GREENBRIER, AR 72058  
PH: (501) 679-2373  
www.LaceyFPE.com

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ARCHITECT / ENGINEERS:

**TAGGART**  
ARCHITECTS

4500 Burrow Drive  
North Little Rock, AR 72116  
Phone: 501-758-7443  
Fax: 501-753-7309  
www.taggartarch.com

FIRE ALARM PLAN AREAS  
PARTIAL "A", "B", "C"

Approved: Project Director

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Project Title  
RENOVATE LEROY POND ARMY  
RESERVE CENTER FOR MENTAL  
HEALTH RESIDENTIAL REHABILITATION  
TREATMENT / POLICE TRAINING

Location  
FAYETTEVILLE, ARKANSAS

Date  
9/7/12

Checked  
SWL

Drawn  
SWL

Project Number  
564-341

Building Number

Drawing Number  
F-101

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**Office of  
Facilities  
Management**

